

WHAT IS CLAIMED IS:

1. A network system that seamlessly integrates wireless communication systems, the network system being characterized in that a common core network providing a common platform for a plurality of radio communication networks comprises:

a mobility manager that supports roaming mobile hosts and a resource manager that coordinates traffic distribution;

the common core network that supports mobile hosts roaming within a homogeneous radio communication network and between heterogeneous radio communication networks while ensuring service quality;

in one area,

a common core network enabling Internet access via a gateway router and access to a base station via a base station interface; and

a plurality of common core network structures each of which is the same as that residing in said area, and that are each arranged in corresponding areas via the Internet.

2. A seamless integrated network system for wireless communication systems according to Claim 1, characterized by having a micromobility management function supporting, in one common core network, prompt handover for any mobile host roaming between base stations belonging to homogeneous radio communication networks or between base stations belonging to heterogeneous radio communication networks or between routers; and

a macromobility management function supporting, between a plurality of common core networks, handover for any mobile host roaming between base stations belonging to homogeneous radio communication networks, or between base stations belonging to

heterogeneous radio communication networks, or between routers.

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